

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/004523

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61F2/44 A61B17/16 A61F2/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61F A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | WO 03/075804 A (LINK WALDEMAR GMBH CO) 18 September 2003 (2003-09-18) figures page 6, line 23 - page 8, line 18 page 10, line 24 - page 11, line 3 ----- | 1-11, 14-16,28 |
| X | WO 00/42944 A (THOMAS JAMES C JR ; GORDON DENNIS P (US); MAYA WILLIAM E (US); ROBERTS) 27 July 2000 (2000-07-27) claim 1; figures 1,4,5 page 6, line 24 - line 31 ----- -/-- | 1,2,7,9, 11,16 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 January 2005

Date of mailing of the international search report

31. 01. 2005

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT | | |
|--|---|--|
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | WO 97/20526 A (BRAY ROBERT S JR) 12 June 1997 (1997-06-12) claims 1,9; figures 1a-1c,14-18 page 6, line 19 - page 7, line 17 page 9, line 30 - page 10, line 10 | 17,18,20 |
| A | | 1,8-10, 15,16, 20,21, 23-25, 28,29 |
| Y | ----- US 2003/028197 A1 (HANSON ET AL) 6 February 2003 (2003-02-06) figures 1-4,13-16 paragraph [0103] - paragraph [0107] | 17,18,20 |
| A | | 1,2,4,21 |
| A | ----- US 2002/165612 A1 (GERBER DAVID ET AL) 7 November 2002 (2002-11-07) claims 1-3,8,12,13,16,17; figures paragraphs [0008], [0042] ----- | 1,16-18, 21, 23-25, 28,29 |

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International application No.
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Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 26, 27
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-21, 23-25, 28, 29

An intervertebral prosthesis comprising a first plate and a second plate, wherein each plate comprises a substantially flat bone engaging surface with a macro-textured surface capable of rasping an interstitial bone surface, and one or more lugs which on intervertebral insertion of the prosthesis abut a non-interstitial surface of the vertebrae to limit insertion of the prosthesis.

2. claim: 22

An insertion tool comprising: a shaft having a proximal end and a distal end wherein the proximal end comprises a grip and the distal end comprises two prosthesis engaging arms that are biased apart; and a cylinder having a proximal and distal end in rotational engagement around the main shaft, wherein the distal end of the cylinder contacts the prosthesis engaging arms, and wherein on rotation of the cylinder in a distal direction, the distal end of the cylinder forces the prosthesis engaging arms together to grip an intervertebral prosthesis according to any one of claims 1 to 16.

INTERNATIONAL SEARCH REPORT

International Application No

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